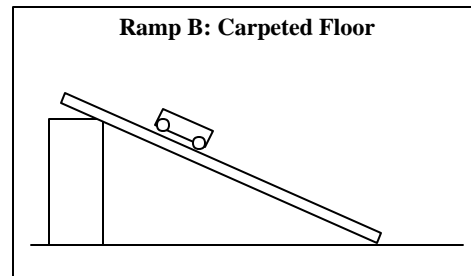
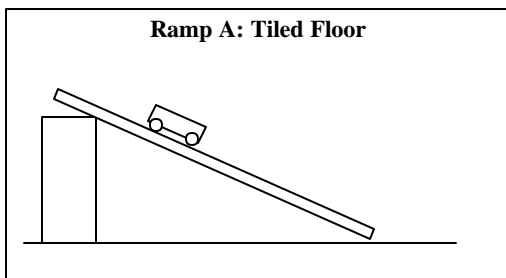


Force and Friction

Directions: Write all answers to these questions in your science notebook.

Jenny did an experiment to find out how far her car would roll on the ramps shown below.

- She rolled the car 4 times on each ramp and measured the distance the car traveled.
- Ramp A is on a tiled floor.
- Ramp B is on a carpeted floor.



- A. Predict which car will roll the farthest. Explain why.
- B. Create a table that Jenny could use to record her data.
- Remember to give your table a title.
 - Label the rows—
 - Ramp A: Tiled Floor
 - Ramp B: Carpeted Floor.
 - What will you label the columns?
- C. Choose a different surface to place the ramp on. Tell how far you think the car will travel on this new surface and explain your thinking.